## Silicon Vertex Detector

- Trillions of proton antiproton collisions were achieved inside this detector in 1992 1993.
- A dozen top quark candidates were observed. Each top quark decays in  $10^{-24}$  seconds into a W particle and a b quark.
- Vertices that occurred  $10^{-12}$  second after a collision indicated the presence of a b quark.